

**CITY OF MIDDLETOWN
PURCHASING OFFICE
MUNICIPAL BUILDING - ROOM 112
245 DEKOVEN DRIVE
MIDDLETOWN, CT. 06457
(860) 638-4895 phone**



CONTRACT DOCUMENTS

BID #2016-021

**PURCHASE OF PIPING, HYDRANTS, MANHOLES, VALVES,
FITTINGS AND OTHER APPURTENANCES**

**WATER AND SEWER DEPARTMENT
City of Middletown, Connecticut**

BID OPENING: Wednesday, September 21, 2016 at 11:00 am

EMAIL: PURCHASE@MIDDLETOWNCT.GOV

**DONNA L. IMME, CPPB
SUPERVISOR OF PURCHASES**

**CARL R. ERLACHER
DIRECTOR OF FINANCE AND REVENUE SERVICES**

The contract documents for the contract entitled:

BID #2016-021 PURCHASE OF PIPING, HYDRANTS, MANHOLES, VALVES, FITTINGS AND OTHER APPURTENANCES - WATER AND SEWER DEPARTMENT

	Page
Invitation to Bid	3
Information for Bidders	4-8
Bid Attachments	
Section 78-8 (m) Bid Preference for Local Vendors	9-11
Affidavit of Local Vendors	12
General & Technical Specifications	13-20
Bid Proposal Page	21-92
Non-Collusive Bid Statement	93
Insurance Requirements for Suppliers	94-95
Bid Return Label	96

Hereinafter referred to as the **Contract Documents**

**INVITATION TO BID
CITY OF MIDDLETOWN**

Sealed proposals, addressed to the Purchasing Supervisor, City of Middletown, Room 112, Municipal Building, Middletown, Connecticut, will be received until **Wednesday, September 21, 2016 at 11:00 am** for the following:

**BID #2016-021 PURCHASE OF PIPING, HYDRANTS, MANHOLES,
VALVES, FITTINGS AND OTHER APPURTENANCES
WATER AND SEWER DEPARTMENT**

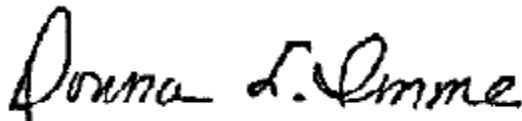
Bid documents may be obtained at the Purchasing Office, Room 112, Municipal Building, 245 DeKoven Drive, Middletown, CT., Monday - Friday, between the hours of 8:30 a.m. and 4:30 p.m. for a fee of \$.50 per page. It is preferred that they are downloaded free of charge on the City of Middletown web site: www.MiddletownCT.gov. All questions concerning this bid should be directed in writing to the Purchasing Department via fax at 860-638-1995 or email at purchase@MiddletownCT.gov.

Bids will be publicly opened and read aloud in **Room B-19**, Municipal Building, Middletown, Connecticut. All bids shall be submitted on the designated forms and in an envelope using the Bid Return Label as designated in the Information for Bidders.

The City of Middletown reserves the right to waive any defect or any irregularity in any bid and reserves the right to reject any or all bids or any part thereof. Bids, amendments to bids or withdrawals of bids received after the time set for the bid opening will not be considered.

All bids and proposals are subject to, and must comply with the equal opportunity and non-discriminatory provisions set forth in the Affirmative Action Plan of the City of Middletown.

Dated: **08/23/2016**
Middletown, Connecticut

A handwritten signature in black ink, reading "Donna L. Imme". The signature is written in a cursive style with a horizontal line underneath it.

Donna L. Imme, CPPB
Supervisor of Purchases

INFORMATION FOR BIDDERS

1. Date and Place for Opening Proposals - Pursuant to the "Invitation to Bidders", sealed proposals for furnishing the specified items will be received by the Purchasing Department at the time and place set forth therein with the award to be made as soon as practicable thereafter. Bids received prior to the date set for receipt will be securely kept sealed. All bids received by the time set for receipt will be opened by the Purchasing Supervisor and read publicly at the time set for receipt irrespective of any irregularities therein. Bidders and or their representative and any interested public may be present.

2. Printed Form for Proposals - All proposals must be made upon the blank proposal form as attached hereto; should give price both in words and figures; must be signed and acknowledged by the bidder where indicated on the proposal form; submitted sealed in the pre-printed envelope provided and clearly marked with the bid number and description.

3. Omissions and Discrepancies - Should a bidder find discrepancies or omissions from the Contract Documents or should he doubt their meaning, he should immediately notify the Supervisor of Purchases who may send written instructions to all bidders. Bidder must type or use black pen at all times.

4. Acceptance or Rejection of Proposals - The City reserves the right to accept or reject any or all proposals. Without limiting the generality of the foregoing, any proposal which omits a bid on any one or more items on the price sheet may be rejected; any proposal containing modifications to the price sheet may be rejected; any proposal in which unit prices are omitted or in which unit prices are obviously unbalanced may be rejected. Conditional or qualified bids shall not be acceptable.

5. Acceptance of Proposals and the Effect - Within thirty (30) calendar days after the opening of the

bids, the City will act upon them. The acceptance of a proposal will be either a notice of award, in writing, or an acceptance letter from the Supervisor of Purchases, and no other act shall constitute the acceptance of a proposal.

The acceptance of a proposal shall bind the successful bidder to execute the contract within the time and manner as set forth within these contract documents making him responsible and liable for failure to execute as prescribed.

6. Time for Executing Contract and Damages for Failure to Execute - Any bidder whose proposal shall be accepted will be required to appear at the office, where directed to appear in notice of award, in person, or a duly authorized representative of a firm or corporation, to execute the contract within ten (10) days, including Saturdays and Sundays, of the date of mailing of a notice, stating that the award has been made to him or his firm. Failure or neglect to do so shall constitute a breach of contract for which the City may cancel the notice of award, award the bid to someone else, or rebid the entire project as well as sue for damages. Damages for such a breach of contract will include but not be limited to the loss of any awarding of work to him and other items whose accurate amount will be difficult or impossible to compute, and all other damages recoverable at law and in equity.

7. Determination of Lowest Responsible Bidder/Award - Except where the Owner exercises the right herein to reject any or all proposals, the contract will be awarded by the owner to the "Lowest Responsible Bidder", as determined under the factors to be considered under section **78-8 (m)**, as amended, of the Middletown Code of Ordinances.

It is the intent of the City to award the contract to the lowest responsible bidder(s) submitting the lowest unit price per item, or cost per category, complying with these specifications, providing that sufficient funds are available to award the

contract(s). The City of Middletown shall reserve the right to make a multiple award based upon the lowest cost per unit price(s), per category, or total cost of bid. **However, the City reserves the right to award based on what is in their best interest.**

Additionally, in determining whether a bidder qualifies as the lowest responsible bidder, the City shall also review other subjective factors, such as the bidder's skill, ability and integrity to perform the work as specified, the bidders professional references (if required), the bidders reputation, information discovered during the interview process (if applicable) and whether the City in its sole discretion determines that awarding the bid to the bidder will be in the best interests of the City. The City shall award the contract to the lowest responsible bidder using the guidelines set forth herein, or shall reject all bids.

8. Partial Bids - Partial bids **will be** accepted from bidders. The bid is separated into various categories. However, if a bid is submitted on a specific category then, the bidder must submit a bid for **each item within that grouping as specified. Bidders shall be required to submit a bid on each listed item within each category to be given consideration for an award based on the lowest responsible bidder within the category.**

9. Term of Contract and Work Order Time frame - **The contract term shall commence on or after October 1, 2016 and terminate September 30, 2017 for a contract term of twelve (12) months.**

10. Prices - In the event of discrepancy between the prices quoted in the proposal in words and those in figures, the written unit price shall control. The prices are to include the furnishing of the items, as specified, inclusive of transportation costs as necessary to comply with the City's requirements. Unit prices shall be fixed for the duration of the contract.

11. Interpretations and Addenda - No oral interpretations shall be made to any bidder as to the meaning of any of the Contract Documents or

to be effective to modify any of the provisions of the Contract Documents.

Every request for an interpretation shall be made in **writing**, addressed and forwarded to the **Supervisor of Purchases, Municipal Building, 245 DeKoven Drive, Middletown, Connecticut, 06457. Questions may be sent via facsimile to (860) 638-1995 or emailed at purchase@middletownct.gov**

To receive consideration, such questions shall be submitted in writing. **Deadline for submission of questions is 12:00 PM, Wednesday, September 14, 2016 (EST).** If the question involves the equality or use of products or methods, it must be accompanied by drawings, specifications or other data in sufficient detail to enable the Supervisor of Purchases to determine the equality or suitability of the product or method. In general, the Supervisor of Purchases will neither approve nor disapprove particular products prior to the opening of the bids; such products will be considered when offered by the bidder for incorporation into the work.

The Purchasing Supervisor will arrange as Addenda, which shall become a part of the contract, all questions received as above provided and the decision regarding each. The Purchasing Supervisor will post said addenda to the City website at www.middletownct.gov. Non-receipt of said Addenda shall not excuse compliance with said addenda. It is the bidder's responsibility to determine whether any addenda have been issued and if so whether he/she has received a copy of each. Nothing in this section shall prohibit the Purchasing Supervisor from posting Addenda to extend the deadline for the receipt of bids at any time and for any reason.

It is the responsibility of each bidder to visit our website at www.middletownct.gov to view additional information and/or acknowledge any addenda's issued prior to submitting a bid.

No alleged "verbal interpretation" shall be held valid. Any addenda issued during the bidding period shall supersede previous information.

12. Termination of Agreement - If Vendor fails to fulfill its obligations under this Agreement, violates any of the covenants, agreements, or stipulations of this Agreement, or if the City deems that the Vendor's conduct could have a negative effect on the reputation of the City, the City shall have the right, in its sole discretion, to terminate this Agreement immediately. The City also shall have the right, in its sole discretion, to terminate this contract without cause by giving thirty (30) days written notice to Vendor of such termination specifying the date of such termination. Upon termination of the Agreement, the City shall have no obligation to pay Vendor for services not performed or goods not received.

13. Insurance - The selected bidder shall be required to provide a Certificate of Insurance as specified in the attachment "Insurance Requirements". The bidder shall be required to provide evidence of such insurance coverage to the Supervisor of Purchases within ten (10) days from receipt of the Notice of Award. Evidence of such insurance coverage and City approval shall be required for the faithful execution of the contract document.

14. Time for Performance -

- A. Items authorized for delivery by the City, as authorized by an approved purchase order shall be delivered within **ten (10) consecutive calendar days from receipt of order (ARO)**.
- B. Failure to meet such required delivery time shall constitute default on delivery and breach of contract and the Owner may then authorize procurement of such equipment/material from the most expeditious alternate source available.
- C. All excess expenses charged for alternate procurement of defaulted delivery under this contract shall be deducted from monies due the successful bidder on this contract.

If no monies are due, then the bidder shall pay to the Owner the difference between the contract price and what the Owner must pay to obtain the item from said alternate source.

15. Indemnification - The successful bidder agrees to indemnify and hold harmless the Owner, its officers, agents, servants and employees against any and all liability, judgments, cost, expenses and other loss, including attorney's fees, and against all claims or actions including but not limited to those based upon or arising out of damage or injury (including death) to persons or property caused by or sustained in connection with any act or omission of the Successful Bidder, its officers, agents, servants and employees in the performance or lack of performance of the services under this contract.

16. Delivery and Payment Terms - Items to be purchased shall be delivered Free on Board, freight prepaid, hereinafter referred to as FOB, City of Middletown to that location specified on the purchase order and shall be an inside delivery.

Payment discounts for early payment are preferred. Terms are **net 30 days**. The bidder shall provide an itemized invoice to the City on a monthly basis.

17. Quantities - The quantities specified herein are approximate only as determined by the Water and Sewer Department and **are not guaranteed**. They are included to provide the bidder with an estimate of the City's annual requirements pursuant to this contract and to provide a uniform basis for the comparison of bids.

The City of Middletown shall reserve the right to increase or decrease the actual quantities required or may delete items at the time the contract is awarded or at any time thereafter without prejudice toward the quoted bid price if to do so is in the City's best interest.

18. Excise and Sales Tax - Purchases made by the City of Middletown are exempt from the payment

of Federal Excise and Connecticut Sales taxes. Such taxes must not be included in the bid prices. Exemption certificates will be provided at the bidder's request.

19. Firm Pricing - The City of Middletown requires that all bidders provide **firm pricing** for all those items they are bidding on for the **minimum of fourteen (14) months in accordance with the contract term specified here-in.**

20. Condition Necessary to Complete Contract to Satisfaction of the City of Middletown - The City shall designate the time, place and amounts of work to be done so as to meet all stipulations as set forth in the Contract Documents. Any contractual agreement made herein between the bidder and the City shall not restrict the City from utilizing other sources of materials and services. If the City chooses to utilize other sources of materials and/or services, this shall not act to negate or void the contract; nor shall employment of such materials or services be used as a basis for the successful bidder to abandon his responsibilities or to claim damages as set forth within the Contract Documents.

21. Warranty/ Guarantee - The bidder or bidders awarded this contract shall be required to guarantee the items to be free of defects in materials and workmanship for the period covered by the manufacturer's standard warranty and shall service same in accordance with this warranty. Said warranty shall provide for any replaced parts / materials and labor required during the warranty period with no additional expense required of the City. Guarantee / warranty information as published by the manufacturer shall be submitted with the bid. The bidder shall state the term of the manufacturer's warranty in the space provided on the proposal page.

22. Substitutions - Substitutions for those items where "No Equivalent" is specified shall not be acceptable to the City of Middletown.

23. Extension Option - The City of Middletown

reserves the right to renew the contract for up to one additional year provided that contract pricing will be held firm for the additional contract period, if to do so is mutually acceptable to the parties. Authorization to renew the contract shall be subject to the approval of the Purchasing Office. Authorization to renew the contract shall be by a written amendment to the contract only as prepared by the Purchasing Office to be authorized upon the Mayor's signature.

24. Conditional/Qualified Bids - A conditional or qualified bid will not be accepted.

25. Corrections to Bids - Corrections, erasures or other changes in the bid proposal must be explained or noted over the signature of the bidder.

26. Bid Tabulation - A bid tabulation will be available at www.middletownct.gov after the bid opening.

27. Facsimile Bids – Faxed bids will not be accepted by the City of Middletown under any circumstance.

28. Alternate Bids - Alternate bids will not be considered unless specifically called for in the "Invitation to Bid". An alternate proposal is defined as one which is submitted in addition to the bidder's primary response to the specified bid proposal. Multiple bid(s) shall not be considered for any item unless specifically requested in the proposal. A multiple bid is defined as more than one response to the same bid by the same bidder whether on a separate bid form or attached to the initial bid.

29. Assignment of Antitrust Claims - The contractor or subcontractor offers and agrees to assign to the City of Middletown all right, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act, 15 U.S.C. § 15, as amended, or under Chapter 624 of the General Statutes of Connecticut, as amended, arising out of the purchase of services, property, commodities or intangibles pursuant to a contract or subcontract made by the City of Middletown. This assignment

shall be made and become effective at the time the City of Middletown awards or accepts such contract, without further acknowledgment by the parties. (5-14-93)

30. Americans With Disabilities Act - In performing this agreement, the contractor will at all times comply with the provisions of Title II, the nondiscrimination and access requirements, of the Americans with Disabilities Act.

31. Equivalent or Equal Items - Bids for equivalent items must comply with North American Standards and will be accepted by the City subject to the following criteria **only**:

- It is the intent of these specifications to remain nonproprietary, except where specifically called for to have certain specially manufactured items fulfill the unique design / technical requirements. The naming of a manufacturer, model or country of origin is intended to indicate material sources and design conformance requirements, and not to be construed as limiting competition.
- Unless limited by the term "no substitute" or "no equivalent", the use of a manufacturer's name or any particular make, model, brand, or country of origin in describing an item, does not restrict bidders to that manufacturer, specific article, or country of origin, this means being used simply to indicate the character of the article so described, but the article offered must be of such quality and include any applicable options, accessories, etc. that it will serve the purpose for which it is to be used equally as well as that specified, and shall be deemed by the City to be so warranted by the bidder. Bids on comparable items must meet or exceed all **AWWA standards and be approved by the National Sanitation Foundation**. The bidder shall clearly state the exact article being offered including any and all applicable options, accessories, etc., and the bidder shall furnish such other information concerning the article being offered as will be helpful in evaluating its acceptability for the purpose intended. If the bidder does not indicate that the article they offer is other than as

specified, it will be understood that the bidder is offering the article exactly as specified.

The City of Middletown shall reserve the right to make the final determination regarding the conformance of any equivalent manufacturer to these specifications and applicable standards. The City further reserves the right to reject any equivalent unit that upon evaluation, does not satisfy the City's specific requirements for performance and specified manufacturing standards.

**PURCHASING DEPARTMENT
CITY OF MIDDLETOWN
BID ATTACHMENT**

CHAPTER 78

**SECTION 78-8-M BID PREFERENCE FOR LOCAL
VENDORS.**

1. Definitions: as used in this section, the following terms shall have the meanings indicated:

CITY-BASED BUSINESS- A business with a principal place of business located within the City of Middletown. A business shall not be considered a City-based business unless evidence satisfactory to the purchasing Supervisor has been submitted with each bid submitted by said business to establish that said business has a bona fide principal place of business in Middletown. Such evidence may include evidence of ownership of or a long-term lease of the real estate from which the principal place of business is operated, or payment of property taxes on the personal property of the business to be used in performance of the bid.

PROJECT- All bids, and all quotes solicited for purchases exempted from bidding pursuant to § 78-8, as amended, except requests for proposal and contracts for professional services pursuant to § 78-10, as amended.

2. On any project the lowest responsible bidder shall be determined in the following order:
 - a. City-based bidders.
 - (1) On projects the cost of which are one million dollars total contract price or less, any City-based bidder which has submitted a bid not more than 10% higher than the low bid, provided such City-based bidder agrees to accept the award of the bid at the amount of the low bid. If more than one City-based

bidder has submitted bids not more than 10% higher than the low bid and has agreed to accept the award of the bid at the amount of the low bid, the lowest responsible bidder shall be that one of such City-based bidders which submitted the lowest bid.

(2) On projects the cost of which are over \$1,000,000 but less than \$ 5,000,000 total contract price, any City-based bidder which has submitted a bid not more than 5% higher than the low bid, provided such City-based bidder agrees to accept the award of the bid at the amount of the low bid. If more than one City-based bidder has submitted bids not more than 5% higher than the low bid and has agreed to accept the award of the bid at the amount, of the low bid, the lowest responsible bidder shall be that one of such City-based bidders which submitted the lowest bid.

(3) On projects the cost of which are over \$5,000,000 total contract price, and City-based bidder which has submitted a bid not more than 3% higher than the low bid, provided such City-based bidder agrees to accept the award of the bid at the amount of the low bid. If more than one City-based bidder has submitted bids not more than 3% higher than the low bid and has agreed to accept the award of the bid at the amount of the low bid, the lowest responsible bidder shall be that one of such City-based bidders which submitted the lowest bid.

- b. The low bidder. (2/8/78, 12/2/02)

CHAPTER 26, CONTRACTS

ARTICLE I--EQUAL OPPORTUNITY IN EMPLOYMENT.

26-1 Contract Provisions Required

Every contract made by or on behalf of the City of Middletown for the construction, lease, alteration or repair of any public building or public work, or for the purchase, manufacture, sale or distribution of materials, equipment or supplies shall contain provisions providing for equal opportunity in employment.

26-2 Enforcement Officer

The Director of Equal Opportunity and Diversity Management, who is the City's Affirmative Action Officer, shall have the authority to enforce this ordinance.

26-3 Provisions to be Included

A. The contractor agrees and warrants that in the performance of this contract he or she will not discriminate or permit discrimination against any person or group of persons on the grounds of age, ancestry, color, genetic information, learning disability, marital status, past or present history of mental disability, intellectual disability, national origin, physical disability, including, but not limited to blindness, race, religious creed, sex, including pregnancy, transgender status, gender identity or expression, sexual orientation, workplace hazards to reproduction systems, political belief, military or veteran status, or criminal record in accordance with §46a-60(a)(1), 46a-80(b), or 46a-81(b) of the Connecticut General Statutes. Unless provisions are controlling or there is a bona fide occupational qualification excluding persons in one of the above protected groups, in any manner is prohibited by the laws of the United States or of the State of Connecticut and the City of Middletown. In addition, the Connecticut Fair Employment

Practices Act, Connecticut General Statutes §46a-51 et seq., (CFEPA), not only prohibits discrimination based on actual physical disability, but also applies to discrimination based on perceived physical disability. The contractor also agrees to provide the Affirmative Action Officer of the City of Middletown with such information that may be requested concerning the employment practices and procedures of the contractor as related to the provisions of this section.

B. The aforesaid provision shall include, but not be limited to, the following: advertising, recruitment, layoff, termination, rates of pay or other forms of compensation, conditions or privileges of employment selection for apprenticeship, selection or retention of subcontractors, or in the procurement of materials, equipment or services.

26.4 Notices to be posted on project site.

The contractor shall hereinafter post on the project site, in conspicuous places available for employees and applicants for employment, notices setting forth its non-discrimination requirements.

26.5 Subcontractors and Suppliers

In all pre-contractual contracts between contractor and any subcontractor or supplier either for work to be performed under a subcontract or for the procurement of materials, equipment or services, each subcontractor or supplier shall be notified in writing by the contractor of the contractor's obligations under this contract relative to non-discrimination and each subcontractor or supplier, by his contracting agent, shall agree to and be bound by the terms of this Contract.

26.6 Effect on other laws

Nothing contained herein is intended to relieve any contractor from compliance with all applicable federal, state and municipal legislation or provision concerning equal employment opportunity, affirmative action, non-discrimination and related subjects during the term of its contract on this project.

(4/7/80; 3/8/93, 11/1/02, 2/3/03, 6/3/13, 2/4/16)

ARTICLE III ADEQUATE DELIVERY OF SERVICE

26-11 Provisions to be incorporated

All service contracts entered into for the benefit of the citizens of Middletown between the City of Middletown and contractors shall incorporate the following provisions:

- A. A description of the services provided under the contract.
- B. The name, address, and proof of agreement between a second agency which could step in at a moment's notice should the contracting agency not be able to fulfill its designated service.
- C. The contracted agency will be held responsible both financially and administratively with respect to the provision of backup services in the event the agency could not fulfill its contract obligations for Middletown citizens in accordance with the contract with the City.
- D. A twenty-day advance notification period is required of each agency to inform the City of an expected interruption of services per its contracts. (11/1/02)

**CITY OF MIDDLETOWN
PURCHASING DEPARTMENT
BID ATTACHMENT**

AFFIDAVIT OF LOCAL VENDOR

I, _____ being duly sworn,
Vendor Name

make affidavit and say that I own and operate

Business Name and Address

which is the bona fide principal place of business for

Business Name

Evidence of ownership and principal place of business is attached to this affidavit and may include:

(Check the one which applies.)

- ____ 1. Copy of canceled check for payment of personal property taxes on the business to be utilized in performance of the Bid.
- ____ 2. Copy of long term lease of the real estate from which the principal place of business is operated.

Vendor Name

STATE OF CONNECTICUT:

ss. Middletown, CT

COUNTY OF MIDDLESEX:

Personally appeared, _____
Vendor Name

owner of _____ signer and sealer
Business Name

of the foregoing instrument and acknowledged the truth of the foregoing, before me.

Notary Public:

My Commission Expires: _____

BID #2016-021
PURCHASE OF PIPING, HYDRANTS, MANHOLES, VALVES,
FITTINGS AND OTHER APPURTENANCES
WATER AND SEWER DEPARTMENT
CITY OF MIDDLETOWN

GENERAL SPECIFICATIONS

The City of Middletown will accept bids from interested suppliers to furnish and deliver various **piping, hydrants, manholes, valves, fittings and other appurtenances**, as required by the Water and Sewer Department to include but not limited to:

- I. Curb boxes, gate boxes, adapters and extensions**
- II. Bronze Goods and Miscellaneous Valves**
- III. Service saddles, repair sleeves and couplings**
- IV. Hydrants and hydrant extensions**
- V. Resilient wedge gate valves, tapping sleeves, tapping valves, fittings, retainer glands and accessories**
- VI. Copper Tubing**
- VII. Ductile Iron Piping**
- VIII. PVC Piping**
- IX. PVC Fittings**
- X. Flexible Couplings**
- XI. Precast Concrete Manhole Sections**
- XII. Manhole Frames, Covers and Appurtenance**

It is the intent of the City to establish a term contract for the purchase of these items with firm pricing for a contract term of **twelve (12)** months to commence **on or after October 1, 2016 and terminate September 30, 2017**. It is the City's intent to award the low bid per category or other groupings of similar items, however the City reserves the right to award in whichever way fits the best interests of the City of Middletown.

Piping, hydrants, manholes, valves, fittings and other appurtenances required throughout the term of this contract shall be authorized for delivery on an "as needed basis" upon receipt of an approved purchase order. The vendor shall not deliver all items upon an award. The Field Maintenance Manager shall order materials based upon an approved purchase order.

The bidder shall indicate on the Proposal Page the cost per unit for each item listed, corresponding extension, manufacturer and model number.

The piping, hydrants, manholes, valves, fittings and other appurtenances shall be manufactured in compliance with the minimum specifications incorporated herein and provided in the quantities indicated. The quoted price per unit shall include all transportation costs and shall be delivered FOB City of Middletown, to that location specified on the purchase order within a timely manner. On occasion materials may be required to be delivered on a 24 hour emergency basis. No additional fee shall be charged for this expedited delivery.

TECHNICAL SPECIFICATIONS FOR WATERWORKS AND SEWERAGE SUPPLIES

I. CURB BOXES, GATE BOXES, ADAPTERS AND EXTENSIONS

1. Shall be made of centrifugally spun iron and coated with a heavy bituminous coating.
2. Covers shall have the word "Water" cast in the top unless stated otherwise.
3. Curb boxes, adapters, gate boxes and extensions and covers shall be manufactured in North America by Water Quality Products, Bibby-St. Croix, Clow, Tyler or approved equal.
4. Curb boxes shall be the arch pattern, extension type with a two hole "ERIE" style lid. Curb boxes shall be provided with a 42" stationary rod and shall be adjustable from 4' to 5'.
5. Gate boxes shall be 5-1/4", three piece sliding type made of centrifugally spun iron with 1/4" uniform wall thickness. Top section shall be 26" long with a flange at the top. Bottom section shall be 36" long with a bell bottom base. Similar to Tyler/Union #7126
6. Gate box extension shall be 5 -1/4" by six inches minimum and shall fit inside an existing gate box if needed. Similar to Tyler/Union #69A Slip Type Riser
7. All valve boxes shall be installed upon the valve with the use of a valve box adapter as manufactured by Adaptor Inc. or approved equal. The valve box adapter shall be used in lieu of hardwood blocking to center the valve box over the gate valve. The valve box adapter shall be manufactured from recycled "green" natural rubber.
8. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

II. BRONZE GOODS AND MISCELLANEOUS VALVES

1. Shall be made of corrosion resistant cast bronze ASTM B62.
2. Bronze goods shall be manufactured in North America by The Ford Meter Box Company, Inc. or Mueller Company.
3. Where applicable all materials/products to be supplied under this bid will be required to meet the standards established under Section 1417 of the Safe Drinking Water Act and therefore must meet the requirements of NSF Standard 61 Section 9 "Lead Free Criteria".
4. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is Lead Free. Also they shall submit that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

5. Air valves shall be made of a cast iron body with stainless steel trim manufactured by Valmatic or ARI.

III. **SERVICE SADDLES, REPAIR SLEEVES AND COUPLINGS**

1. Service Saddles shall have an epoxy coated ductile iron body and double bale straps with standard C.C. thread and shall be only those models and shall be manufactured by Ford or Smith Blair Model 317.
2. Repair sleeves shall be single or double band full circle clamp with a lap type gasket having molded tapered ends as noted and shall be manufactured by Ford or Smith Blair.
3. Service saddles & repair sleeves shall be manufactured by Ford or Smith Blair.
4. Couplings shall be long sleeve style Mueller Maxi-Range pipe coupling, Smith Blair 442, 462 or mechanical joint solid sleeve as noted.
5. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications.

IV. **HYDRANTS AND HYDRANT EXTENSIONS**

1. Fire Hydrants shall be a Mueller Super Centurion A-421 dry barrel type with O-ring seals, 6" MJ, D150 inlet, 4'-1/2" valve opening, (2) 2-1/2" nozzles, (1) 4-1/2" nozzle, breakaway flange, 5' or 5 1/2 ' bury. Open Left. The MJ inlet shall be supplied with one (1) set of "MegaLug" Type - Mechanical Joint restraints glands and accessories. No substitutes.
2. Hydrants and all interior/exterior coatings shall be in full compliance with all requirements of the latest revisions of AWWA C502 and shall have a John Deere yellow barrel with John Deere green bonnet and nozzle caps per the Middletown Water Department Standard.
3. Fire Hydrants shall be manufactured in North America by Mueller.
4. Hydrant extensions and or repair kits shall be by the original equipment manufacturer.
5. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

V. **RESILIENT WEDGE GATE VALVES, TAPPING SLEEVES AND TAPPING VALVES PLUS FITTINGS, RESTRAINTS AND ACCESSORIES**

1. All "Size on Size" tapping sleeve shall be the mechanical joint solid sleeve type. Similar to Mueller H-615 or approved equal. The remaining tapping sleeves shall be mechanical

- joint sleeve type or two section heavy welded steel Smith Blair 622, JCM 432 stainless steel with mechanical joint outlet at tapping sleeve or approved equal.
2. Tapping Sleeves shall be manufactured by Mueller, Power Seal, JCM Industries or Smith Blair.
 3. Resilient Wedge Gate Valves shall be 2 inch square wrench operated, non-rising stem with O-ring stem seals and have mechanical joints on both ends. Rated for 250 PSIG working pressure. Open right.
 4. Valves shall be in full compliance with all requirements of the latest revisions of AWWA C509 and AWWA C111 respectively. Valves shall be approved for service to 250 PSI.
 5. The wedge shall be made of cast iron completely encapsulated in molded rubber.
 6. Valves shall be coated with a fusion-bonded epoxy-resin both inside and outside. Coating shall be a minimum of 10 mils thick and be in full compliance with all requirements of the latest revision of AWWA C550.
 7. Valves shall be manufactured in North America by Clow, Mueller, Pratt or approved equal.
 8. Provide full circumferential gasket compound for use with water, salt solutions and mild acids.
 9. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.
 10. Fittings shall be ductile iron cement-mortar lined with a pressure rating of 350 psi. Each fitting shall be supplied with mechanical restraint glands and accessories.
 11. Fittings shall have an asphaltic coating both inside and outside.
 12. Fittings, cement-mortar lining, seal coating and joints shall be in full compliance with all requirements of the latest revisions of AWWA C153, AWWA C104 and AWWA C111.
 13. Fittings shall be manufactured in North America by Clow, Tyler/Union, U.S. Pipe, or approved equal.
 14. Restraint glands shall be made of high strength ductile iron and shall provide restraint by imparting wedging action against the pipe, increasing its resistance as separation pressure increases.
 15. Restraint glands and accessories shall be in full compliance with all requirements of the latest revisions of AWWA C111 and AWWA C153.

16. Twist off nuts shall be incorporated in the design of the wedge activation screws to insure proper torque is applied during installation.
17. Restraint glands shall be manufactured in North America by Ford or EBBA Iron.
18. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

VI. **COPPER TUBING**

1. Copper tubing shall be seamless type K and shall be in full compliance with all requirements of the latest revision of ASTM B88.
2. Copper tubing shall be manufactured in North America.
3. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

VII. **DUCTILE IRON PIPE**

1. Ductile Iron pipe shall be Class 52 cement mortar lined with Tyton push on joints.
2. Pipe shall have an asphaltic seal coating both inside and outside.
3. Pipe, cement-mortar lining, seal coating and joints shall be in full compliance with all requirements of the latest revisions of AWWA C151, AWWA C104 and AWWA C111.
4. Pipe shall be manufactured in North America by Clow, US Pipe, McWane or approved eq.
5. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

VIII. **PVC PIPE**

1. PVC pipe with a diameter of 18 inches or less shall have a maximum pipe diameter to wall thickness ratio SDR-35. PVC pipe with a diameter of 24 inches or greater shall be SDR-26
2. Joints shall be push-on bell and spigot using elastometric ring gaskets that are an integral part of the pipe thus preventing the possibility of being dislodged during joint assembly.

3. Gaskets shall be of a material which is resistant to common ingredients that comprise industrial wastes, domestic waste and groundwater.
4. Pipe, joints and gaskets shall be in full compliance of all requirements of the latest revisions of ASTM D-3034, ASTM F-679, and/or F1760.
5. Pipe shall be manufactured in North America by National, Carlon, JCM, Ipex, Duchesne or approved equal. Pipe shall be supplied in 13' lengths only.
6. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

IX. PVC FITTINGS

1. Fittings shall have a maximum pipe diameter to wall thickness ratio SDR- 35 and/or minimum pipe stiffness (PS) of 46 psi.
2. Joints shall be push-on bell and spigot using elastometric ring gaskets that are an integral part of the fitting thus preventing the possibility of being dislodged during joint assembly.
3. Gaskets shall be of a material which is resistant to common ingredients that comprise industrial wastes, domestic waste and groundwater.
4. Fittings, joints and gaskets shall be in full compliance all requirements of the latest revisions of ASTM D-3034, ASTM F-679 and ASTM F-1336.
5. Fittings shall be injection molded fittings manufactured in North America by GPK, Harco, Multi Fittings or approved equal.
6. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

X. FLEXIBLE COUPLINGS

1. Flexible couplings for connecting clay to clay, clay to plastic and plastic to plastic shall be manufactured from a material, which is resistant to common ingredients that comprise industrial wastes, domestic waste and groundwater.
2. Flexible couplings shall by manufactured in North America by Fernco, PIPECONX, Indiana Seal or approved equal.
3. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

XI. PRECAST CONCRETE MANHOLE SECTIONS

1. Precast concrete manhole sections shall be 4' diameter, unless specified otherwise noted, and shall conform to ASTM C-478 and C-443.
2. Coating for exterior surfaces of all manholes shall be bituminous waterproofing material. The material shall be Minwax Fabrous Brush Coat made by Minwax CO., New York, New York; Tremco 121 Foundation coating made by the Tremco Manufacturing Company, Cleveland, Ohio; Bitumastic Black Solution made by the Koppers Company, Inc., Pittsburgh, Pennsylvania or approved equal.
3. Precast concrete manhole sections shall be manufactured in North America by Arrow Concrete or United Concrete.
4. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the "Purchaser" as that word is used in ASTM, ANSI, or AWWA Specifications.

XII. MANHOLE FRAMES, COVERS AND APPURTENANCES

1. Manhole frames and covers shall have the words "MIDDLETOWN" cast in the cover and shall be coated with a bitumastic coating prior to delivery. Covers shall be either vented or solid with gasket and bolts as specified below.
2. Frames, covers and risers shall be in full compliance with all requirements of the last revision of ASTM A-48 (Class 30B) or AASHTO M105-06 (Class 35B).
3. Frames and covers shall be manufactured in North America by Le Baron Foundry, Laperle, Campbell Foundry or East Jordan Iron Works.
4. Outside diameter of the cover shall be 23^{3/4} inches unless otherwise specified.
5. Inside diameter of the frame shall be 24^{1/8} inches unless otherwise specified.
6. Frames and covers shall be those models listed below or approved equals:

<u>Manufacturer</u>	<u>Type</u>	<u>Model</u>
<u>Type</u>	<u>Manufacturer</u>	<u>Model</u>
AV -- Heavy Duty (36 x 24) Vented	Le Baron Foundry/EJIW Campbell	LJ 105 S-021/1248-2205 1221
AS -- Heavy Duty (36 x 24) Solid Gasketed / Bolted	East Jordan Iron Works	1248-2205 Solid/Gasketed
B - Watertight (24 x 24)	Le Baron Foundry/EJIW	LBW 268-6-002/1248-1893

	Campbell Foundry	6540 189319, 180551
C - Heavy Duty (24 x 24)	Le Baron/EJIW	LA 244, 246, 248/1248

7.Extension Rings shall be compatible with the models listed above in addition to some of the existing style frames and covers within the City.

<u>Manufacturer</u>	<u>Size</u>	<u>Model</u>
Le Baron Foundry/EJIW	1 Inch	LER2410-3 (STEEL)
	1 ½ Inch	L2440912 Z, L2401012 Z
	2 Inch	L2440916 Z, L2401016 Z

8. The supplier shall submit a certified affidavit by the manufacturer that their product has passed all tests required by ASTM, ANSI, or AWWA Specifications and that their product is manufactured in North America. So far as applicable, the Owner shall be considered as the “Purchaser” as that word is used in ASTM, ANSI, or AWWA Specifications.

BID 2016-021
PURCHASE OF PIPING, HYDRANTS, MANHOLES, VALVES,
FITTINGS AND OTHER APPURTENANCES
CITY OF MIDDLETOWN

BID PROPOSAL PAGES

Issue Date: **08/23/2016** Reply Date: **Wednesday, September 21, 2016 at 11:00 am**

To: Supervisor of Purchases
 City of Middletown Municipal Building
 245 DeKoven Drive, Room 112
 Middletown, CT 06457

We the undersigned have examined the contract documents inclusive of the information to bidders, technical specifications and related documents and propose and agree to contract with the City of Middletown, in the form of an agreement, to provide the items specified herein at the following unit costs for a contract term of **twelve (12)** months to commence **on or after October 1, 2016 and terminate September 30, 2017.**

THE BID MUST BE SIGNED BY THE BIDDER TO BE ACCEPTED:

COMPANY NAME

SIGNATURE AND TITLE

We acknowledge receipt of the following addendum, IF APPLICABLE:

☐ Addendum # _____ Date _____

☐ Addendum # _____ Date _____

Contract Extension: Our pricing shall be held firm at the quoted unit prices herein should the City exercise its right to extend the contract for one additional year. **or**

YES NO

#	QTY	ITEM DESCRIPTION	MANUFACTURER MODEL #	UNIT PRICE	EXTENSION
I. CURB BOXES, GATE BOXES, ADAPTERS AND EXTENSIONS					
1.	100	ERIE STYLE 1" CURB BOXES WITH 30" ROD 2-HOLE COVER, ADJUST 4' TO 5' (FORD, MUELLER, BIBBY OR APPROVED EQUAL) CAT #EA15040-30R	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
2	10	ERIE STYLE 1" CURB BOX WITH 24" ROD ONLY CAT #ROD-24	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
3	10	ERIE STYLE 1" CURB BOX WITH 36" ROD ONLY CAT #ROD-36	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
4	10	ERIE STYLE 2" CURB BOX WITHOUT ROD AND TWO HOLE COVER, ADJUST 4' TO 5' (FORD, MUELLER, BIBBY OR APPROVED EQUAL) CAT #EA2-45-50	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
5.	50	CURB BOX EXTENSIONS – 1 INCH WITH SET SCREWS AND TWO HOLE COVER 6" LENGTH	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

#	QTY	ITEM DESCRIPTION	MANUFACTURER MODEL #	UNIT PRICE	EXTENSION
6.	25	CURB BOX EXTENSIONS – 1 INCH WITH SET SCREWS AND TWO HOLE COVER 12" LENGTH	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
7.	25	CURB BOX EXTENSIONS – 1 INCH WITH SET SCREWS AND TWO HOLE COVER 18" LENGTH	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
8.	100	ERIE TWO HOLE CURB BOX COVERS TO FIT 1"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
9.	100	THREE PIECE CAST IRON GATE BOXES (INCLUDES COVERS) 6 1/8" SHAFTS, SLIP TYPE (26" TOP SECTION, 36" BOTTOM SECTION & COVER) SIMILAR TO BIBBY V683	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
10.	25	CAST IRON GATE BOX, TOP SECTION ONLY 26" SLIP TYPE	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

#	QTY	ITEM DESCRIPTION	MANUFACTURER MODEL #	UNIT PRICE	EXTENSION
11.	25	CAST IRON GATE BOX, BOTTOM SECTION ONLY 36" SLIP TYPE	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
12.	25	CAST IRON GATE BOX, COVER ONLY	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
13.	50	GATE BOX EXTENSION SIZE 5 ¼ X 6" LESS COVER SIMILAR TO BIBBY V856	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
14.	50	GATE BOX EXTENSION SIZE 5 1/4 X 12" LESS COVER - SIMILAR TO BIBBY V858	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
15.	25	GATE BOX EXTENSION SIZE 5 1/4 X 24" LESS COVER - SIMILAR TO BIBBY V862	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

#	QTY	ITEM DESCRIPTION	MANUFACTURER MODEL #	UNIT PRICE	EXTENSION
16.	125	GATE BOX COVERS TO FIT EXTENSIONS	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
17.	25	CURB BOX ADAPTERS FOR 1 1/2" AND 2" SERVICE	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
18.	10	4" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
19.	20	6" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
20.	20	8" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
21.	1	10" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

#	QTY	ITEM DESCRIPTION	MANUFACTURER MODEL #	UNIT PRICE	EXTENSION
22.	11	12" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
23.	2	16" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
24.	1	20" VALVE BOX ADAPTOR II (ADAPTOR, INC. OR APPROVED EQUAL)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
SUB-TOTAL I. CURB BOXES, GATE BOXES, ADAPTERS AND EXTENSIONS ITEMS #1 – 24 INCLUSIVE: <div style="text-align: right;">_____ (\$_____)</div> <div>Written figures</div> PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION: <div style="text-align: right;">_____ (_____ %)</div> <div>Written figures</div>					

II. BRONZE GOODS AND MISCELLANEOUS VALVES

25.	50	3/4" FORD OR MUELLER PACK JOINT COUPLING, FORD MODEL #C44-33 OR MUELLER H15403 COPPER TUBING,BOTH ENDS NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
26.	50	3/4" X 1" FORD OR MUELLER PACK JOINT COUPLING, FORD MODEL #C44-34 OR MUELLER H15403 COPPER TUBING, FULL PORT NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
27.	200	1" FORD OR MUELLER CORPORATION STOPS, FORD MODEL #F-1000G OR MUELLER B-25008 FOR 1" COPPER TUBING, FULL PORT NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
28.	200	1" FORD OR MUELLER BALL VALVE CURB STOPS, FORD MODEL #B44-444G OR MUELLER B25209 FOR 1" COPPER TUBING, FULL PORT NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
29.	50	1" FORD OR MUELLER PACK JOINT COUPLINGS, FORD MODEL #C44-44G OR MUELLER H15403 BOTH ENDS PACK JOINT FOR 1" COPPER TUBING NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

30.	50	1 ½" FORD OR MUELLER CORPORATION STOPS FORD MODEL#FB 1000G or MUELLER B25008 NO SUBSTITUTES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
31.	50	1 ½ " FORD OR MUELLER BALL VALVE CURB STOPS FORD B 44666 G or MUELLER B25209 NO SUBSTITUTES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
32.	50	1 ½" FORD OR MUELLER JOINT COUPLINGS BOTH ENDS FORD C 44-66 G or MUELLER H15403 NO SUBSTITUTES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
33.	50	2" FORD OR MUELLER CORPORATION STOPS FORD MODEL #FB 1000G or MUELLER B25008 NO SUBSTITUTES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
34.	50	2" FORD OR MUELLER BALL VALVE CURB STOPS FORD B 44777 G or MUELLER B25209 NO SUBSTITUTES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

35.	50	2" FORD OR MUELLER JOINT COUPLINGS BOTH ENDS FORD B 44-77 G or MUELLER H15403 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
36.	10	1" COMBINATION AIR/VACUUM VALVE VALMATIC MODEL #201C	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
37.	10	1" COMBINATION AIR/VACUUM VALVE ARI MODEL #D040	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

SUB-TOTAL II. BRONZE GOODS AND MISCELLANEOUS VALVES- ITEMS #25 – 37 INCLUSIVE:

_____ (\$_____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

III. SERVICE SADDLES, REPAIR SLEEVES AND COUPLINGS

38.	6	4" SMITH BLAIR 442 CAST COUPLING CAT. #442-00000510 OR AS REQUIRED	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
39.	6	6" SMITH BLAIR 442 CAST COUPLING CAT. #442-00000722 OR AS REQUIRED	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
40.	6	8" SMITH BLAIR 442 CAST COUPLING CAT. #442-00000930 OR AS REQUIRED	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
41.	6	10" SMITH BLAIR 442 CAST COUPLING CAT. #442-00001160-400 OR AS REQUIRED	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
42.	4	12" SMITH BLAIR 442 CAST COUPLING CAT. #442-00001350-400 OR AS REQUIRED	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

43.	4	16" SMITH BLAIR 442 CAST COUPLING CAT. #442-00001780-400 OR AS REQUIRED	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
44.	4	4" 226 SMITH BLAIR FULL CIRCLE CLAMP COUPLING SINGLE BAND, CAT. #226-00048015-000	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
45.	10	6" 226 SMITH BLAIR FULL CIRCLE CLAMP COUPLING SINGLE BAND, CAT. #226-00069015-000	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
46.	4	8" 226 SMITH BLAIR FULL CIRCLE CLAMP COUPLING SINGLE BAND, CAT. #226-00090515-000	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
47.	4	10" 226 SMITH BLAIR FULL CIRCLE CLAMP COUPLING C SINGLE BAND, CAT. #226-00111015-000	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

48.	4	12" 226 SMITH BLAIR FULL CIRCLE CLAMP COUPLING SINGLE BAND, CAT. #226-00132015-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
49.	2	4" 227 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #227-00050015-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
50.	2	6" 227 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #227-00069015-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
51.	2	8" 227 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #227-00090515-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
52.	2	10" 227 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #227-00111015-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

53.	2	12" 227 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #227-00132015-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
54.	2	16" 228 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #228-20171515-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
55.	2	20" 228 SMITH BLAIR FULL CIRCLE CLAMP COUPLING DOUBLE BAND, CAT. #228-20207015-000	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
56.	8	6" x 3/4" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
57.	8	6" x 1" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

58.	24	6" x 1 ½" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
59.	24	6" x 2" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
60.	4	8" X ¾" SMITH BLAIR SERVICE SADDLE DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
61.	4	8" X1" SMITH BLAIR SERVICE SADDLE DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
62.	24	8" x 1 ½" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

63.	24	8" x 2" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
64.	4	10" X 1" SMITH BLAIR SERVICE SADDLE DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
65.	4	10" X ¾" SMITH BLAIR SERVICE SADDLE DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
66.	4	10" X 1 ½" SMITH BLAIR SERVICE SADDLE DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
67.	4	10" X 2" SMITH BLAIR SERVICE SADDLE DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

68.	4	12" x ¾" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
69.	4	12" x 1" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
70.	24	12" x 1 ½" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
71.	24	12" x 2" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
72.	24	16 x ¾" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

73.	24	16" x 1" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
74.	24	16" x 1 ½ " SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
75.	24	16" x 2" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
76.	24	20" x ¾" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
77.	24	20" x 1" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

78.	24	20" x 1 ½ " SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
79.	24	20" x 2" SMITH BLAIR SERVICE SADDLES, DOUBLE BALE STRAP STYLE #313	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
SUB-TOTAL III. SERVICE SADDLES, TAPPING SLEEVES, SOLID SLEEVE & COUPLINGS - ITEMS #38 – 79 INCLUSIVE: <div style="text-align: right;">(\$ _____)</div> Written figures					
PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION: <div style="text-align: right;">(_____ %)</div> Written figures					
IV. HYDRANT AND EXTENSIONS					
80.	50	MUELLER SUPER CENTURION FIRE HYDRANT CAT. # A421, 4-1/2 IN., THREE-WAY, 5FT BURY, OPEN LEFT, PROVIDE WITH MEGALUG RESTRAINT GLAND AND ACCESSORIES. NO SUBSTITUTES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

81.	1	MUELLER SUPER CENTURION FIRE HYDRANT CAT. # A421, 4-1/2 IN., THREE-WAY, 5 ½ FT BURY, OPEN LEFT, PROVIDE WITH MEGALUG RESTRAINT GLAND AND ACCESSORIES. NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
82.	10	6" MUELLER HYDRANT EXTENSION WITH ACCESSORIES. CAT. # A-319 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
83.	10	1' MUELLER HYDRANT EXTENSIONS WITH ACCESSORIES. CAT. # A-319 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
84.	10	1'-6" MUELLER HYDRANT EXTENSIONS WITH ACCESSORIES. CAT. # A-319 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
85.	10	2'-0" MUELLER HYDRANT EXTENSIONS WITH ACCESSORIES. CAT. # A-319 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

86.	10	MUELLER SUPER CENTURION FIRE HYDRANT MAIN VALVE REPAIR KIT. NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
87.	10	MUELLER SUPER CENTURION FIRE HYDRANT BONNET REPAIR KIT. NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
88.	10	MUELLER SUPER CENTURION FIRE HYDRANT SHOE REPAIR KIT. NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
89.	10	MUELLER SUPER CENTURION FIRE HYDRANT SAFETY FLANGE REPAIR KIT. NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

SUB-TOTAL IV. HYDRANTS AND EXTENSIONS - ITEMS #80-89 INCLUSIVE:

_____ (\$ _____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

V. GATE VALVES, TAPPING SLEEVES, TAPPING VALVES, FITTINGS, RESTRAINTS, AND ACCESSORIES

90.	10	4" MUELLER, KENNEDY OR CLOW M.J. R.S. GATE VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
91.	10	6" MUELLER, KENNEDY OR CLOW M.J. R.S. GATE VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
92.	10	8" MUELLER, KENNEDY OR CLOW M.J. R.S. GATE VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

93.	1	10" MUELLER, KENNEDY OR CLOW M.J. R.S. GATE VALVE (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
94.	1	12" MUELLER, KENNEDY OR CLOW M.J. R.S. GATE VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
95.	1	16" MUELLER, KENNEDY OR CLOW M.J. R.S. GATE VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
96.	1	16" MUELLER, PRATT, OR AMERICAN DARLING BUTERFLY VALVE CLASS 250, (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
97.	1	20" MUELLER, PRATT, OR AMERICAN DARLING BUTERFLY VALVE CLASS 250, (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

98.	1	24" MUELLER, PRATT, OR AMERICAN DARLING BUTERFLY VALVE CLASS 250, (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS)	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
99.	10	6" MUELLER, KENNEDY OR CLOW M.J. R.S. TAPPING VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS) MUST ACCEPT FULL SIZE CUTTER	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
100.	10	8" MUELLER, KENNEDY OR CLOW M.J. R.S. TAPPING VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS) MUST ACCEPT FULL SIZE CUTTER	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
101.	10	12" MUELLER, KENNEDY OR CLOW M.J. R.S. TAPPING VALVES (OPEN RIGHT) WITH BOLTS & GASKETS (LESS GLANDS) MUST ACCEPT FULL SIZE CUTTER	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
102.	4	8" X 6" SMITH BLAIR 622 TAPPING SLEEVE CAT. #622-09050600-003 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

103.	4	10" x 6" SMITH BLAIR 622 TAPPING SLEEVE CAT. #622-11100600-003 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
104.	4	10" x 8" SMITH BLAIR 622 TAPPING SLEEVE CAT. #622-11100800-003 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
105.	4	12" X 6" SMITH BLAIR 622 TAPPING SLEEVE CAT. #622-13820600-003 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
106.	2	12" X 8" SMITH BLAIR 622 TAPPING SLEEVE CAT. #622-13820800-003 NO SUBSTITUTES	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
107.	4	6 X 6 MJ TAPPING SLEEVES MUELLER, KENNEDY	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

108.	4	8 X 8 MJ TAPPING SLEEVES MUELLER, KENNEDY	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
109.	4	12 X 12 MJ TAPPING SLEEVES MUELLER, KENNEDY	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
110.	4	8 X 6 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
111.	4	12 X 6 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
112.	4	12 X 8 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

113.	4	12 X 10 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
114.	4	16 X 8 MJ TAPPING SLEEVES, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
115.	4	16 X 12 MJ TAPPING SLEEVES, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
116.	4	20 X 6 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
117.	4	20 X 8 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

118.	4	20 X 12 MJ TAPPING SLEEVES MUELLER, POWER SEAL OR SMITH BLAIR	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
119.	100	6" EBAA MEGALUG 1100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
120.	100	8" EBAA MEGALUG 1100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
121.	100	10" EBAA MEGALUG 1100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
122.	100	12" EBAA MEGALUG 1100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

123.	10	16" EBAA MEGALUG 1100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
124.	10	20" EBAA MEGALUG 100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
125.	10	24" EBAA MEGALUG 1100 OR FORD 1400 UNIFLANGE RESTRAINTS GLANDS WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
126.	10	6" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
127.	10	8" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.

128.	10	10" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
129.	10	12" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
130.	10	16" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
131.	10	20" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
132.	10	24" EBAA SERIES 1700 JOINT RESTRAINTS OR FORD 1450 JOINT RESTRAINTS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

133.	1	6" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
134.	1	8" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
135.	1	10" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
136.	1	12" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
137.	1	16" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

138.	1	20" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
139.	1	24" M.J. CAPS WITH MEGALUG AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
140.	100	T-BOLTS AND NUTS ¾"X3-1/2"	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
141.	100	T-BOLTS AND NUTS ¾"X4"	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
142.	50	6" M.J. GASKETS	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

143.	50	8" M.J. GASKETS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
144.	50	10" M.J. GASKETS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
145.	50	12" M.J. GASKETS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
146.	50	16" M.J. GASKETS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
147.	50	20" M.J. GASKETS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

148.	50	24" M.J. GASKETS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
149.	5	6" X 6" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
150.	5	8" X 6" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
151.	5	8" X 8" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
152.	5	10" X 6" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

153.	2	10" X 8" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
154.	5	12" X 6" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
155.	5	12" X 8" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
156.	5	12" X 12" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
157.	2	16" X 8" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

158.	2	16" X 12" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
159.	2	16" X 16" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
160.	1	20" X 6" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
161.	1	20" X 8" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
162.	1	20" X 12" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.

163.	1	20" X 16" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
164.	1	20" X 20" M.J. TEES WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
165.	50	6" M.J. RETAINER GLANDS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
166.	50	8" M.J. RETAINER GLANDS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
167.	50	10" M.J. RETAINER GLANDS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

168.	50	12" M.J. RETAINER GLANDS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
169.	50	16" M.J. RETAINER GLANDS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
170.	50	20" M.J. RETAINER GLANDS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
171.	2	6" M.J. 45° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
172.	2	6" M.J. 22 ½ ° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

173.	2	6" M.J. 11 ¼° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
174.	4	8" M.J. 45° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
175.	4	8" M.J. 22 1/2° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
176.	4	8" M.J. 11 ¼ °DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
177.	4	10" M.J. 11 ¼ DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.

178.	4	10" M.J. 22 1/2 DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
179.	4	10" M.J. 45 DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
180.	4	12" M.J. 45° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
181.	4	12" M.J. 22 1/2° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
182.	4	12" M.J. 11 ¼ ° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.

183.	4	16" M.J. 11 ¼ ° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
184.	4	16" M.J. 22 ½ ° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
185.	4	16" M.J. 45° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
186.	4	20" M.J. 11 ¼ ° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
187.	4	20" M.J. 22 1/2° DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

188.	4	20" M.J. 45 °DEGREE BENDS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
189.	2	6" X 12" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
190.	2	6" x 18" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
191.	2	6" X 24" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
192.	2	8" X 12" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

193.	2	8" X 18" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
194.	2	8" X 24" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
195.	1	12" X 12" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
196.	1	12" X 18" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
197.	1	12" X 24" M.J. OFFSETS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

198.	1	6" X 4" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
199.	1	8" X 6" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
200.	1	12" X 8" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
201.	1	12" X10" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
202.	1	16" X12" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

203.	1	20" X16" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
204.	1	20" X12" MJ REDUCERS WITH MEGALUG RESTRAINTS AND ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
205.	1	6" PUSH JOINT PLUGS WITH SET SCREWS FOR BELL END	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
206.	1	8" PUSH JOINT PLUGS WITH SET SCREWS FOR BELL END	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
207.	1	10" PUSH JOINT PLUGS WITH SET SCREWS FOR BELL END	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

208.	1	12" PUSH JOINT PLUGS WITH SET SCREWS FOR BELL END	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
209.	1	6" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
210.	1	8" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
211.	1	10" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
212.	1	12" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

213.	1	16" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
214.	1	20" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
215.	1	24" BELL JOINT LEAK CLAMP SMITH BLAIR 274	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
216.	2	6" X 6" M.J. X SWIVEL TEE WITH ACCESSORIES	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
217.	2	8" X 6" M.J. X SWIVEL TEE WITH ACCESSORIES	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

218.	2	8" X 8" M.J. X SWIVEL TEE WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
219.	2	12" X 6" M.J. X SWIVEL TEE WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
220.	2	12" X 8" M.J. X SWIVEL TEE WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
221.	1	16" X 6" M.J. X SWIVEL TEE WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.
222.	1	20" X 6" M.J. X SWIVEL TEE WITH ACCESSORIES	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$ _____.	\$ _____.

223.	1	24" X 6" M.J. X SWIVEL TEE WITH ACCESSORIES	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
224.	10	6" M.J. SOLID SLEEVE (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
225.	10	8" M.J. SOLID SLEEVE (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
226.	4	10" M.J. SOLID SLEEVES (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
227.	6	12" M.J. SOLID SLEEVES (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
228.	1	16" M.J. SOLID SLEEVES (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

229.	1	20" M.J. SOLID SLEEVES (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>_____</div> MANUFACTURER		
			<div>_____</div> MODEL #	\$_____.	\$_____.
230.	6	24" M.J. SOLID SLEEVES (WITH BOLTS & GASKETS- MEGALUG RESTRAINTS AND ACCESSORIES)	<div>_____</div> MANUFACTURER		
			<div>_____</div> MODEL #	\$_____.	\$_____.
<p>SUB-TOTAL V. GATE VALVES, TAPPING SLEEVES, TAPPING VALVES, FITTINGS, RESTRAINTS, AND ACCESSORIES - ITEMS #90-230 INCLUSIVE:</p> <p>_____ (\$_____)</p> <p>Written figures</p> <p>PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:</p> <p>_____ (_____ %)</p> <p>Written figures</p>					

VI. COPPER TUBING

231.	600 FT.	3/4 " TYPE K (SOFT) COPPER TUBING IN 60 FOOT COILS UNIT PRICE PER FOOT	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
232.	1200 FT.	1" TYPE K (SOFT) COPPER TUBING IN 60 FOOT COILS UNIT PRICE PER FOOT	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
233.	600 FT.	1 1/2" TYPE K (SOFT) COPPER TUBING IN 60 FOOT COILS UNIT PRICE PER FOOT	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
234.	200 FT.	2" TYPE K (SOFT) COPPER TUBING IN 20 FOOT LENGTHS UNIT PRICE PER FOOT	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

SUB-TOTAL VI. COPPER TUBING - ITEMS #231-234 INCLUSIVE:

_____ (\$ _____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

Please state firm pricing commitment for Copper tubing items (231 – 234) only _____ days

*******The Purchasing Department must receive written notice 30 days before the price increase goes into effect. *******

VII. DUCTILE IRON PIPE

235.	100 FT.	4" TYTON PUSH ON JOINT DUCTILE IRON PIPE – UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
236.	1000 FT.	6" TYTON PUSH ON JOINT DUCTILE IRON PIPE - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
237.	2000 FT.	8" TYTON PUSH ON JOINT DUCTILE IRON PIPE - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

238.	100 FT.	10" TYTON PUSH ON JOINT DUCTILE IRON PIPE - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
239.	2000 FT.	12" TYTON PUSH ON JOINT DUCTILE IRON PIPE - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
240.	1000 FT.	16" TYTON PUSH ON JOINT DUCTILE IRON PIPE - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
241.	1000 FT.	20" TYTON PUSH ON JOINT DUCTILE IRON PIPE - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
242.	1000 FT.	24" TYTON PUSH ON JOINT DUCTILE IRON - UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

SUB-TOTAL VII. DUCTILE IRON PIPE - ITEMS #235-242 INCLUSIVE:

_____ (\$ _____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

VIII. PVC PIPE

243.	100 FT.	6" POLYVINYL CHLORIDE (PVC) SDR 35 PIPE UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
244.	1000 FT.	8" POLYVINYL CHLORIDE (PVC) SDR 35 PIPE UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
245.	100 FT.	10" POLYVINYL CHLORIDE (PVC) SDR 35 PIPE UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

246.	1000 FT.	12" POLYVINYL CHLORIDE (PVC) SDR 35 PIPE UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
247.	100 FT.	15" POLYVINYL CHLORIDE (PVC) SDR 35 PIPE UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
248.	100 FT.	18" POLYVINYL CHLORIDE (PVC) SDR 35 PIPE UNIT PRICE PER FOOT PIPE LENGTH (IN FEET) _____	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

SUB-TOTAL VIII. PVC PIPE - ITEMS #243-248 INCLUSIVE:

_____ (\$_____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

IX. PVC FITTINGS

249.	10	6" - 11 ^{1/4} ° BEND (BELL x BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
250.	10	6" - 22 1/2° BEND (BELL x BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
251.	10	6" - 45° BEND (BELL x BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
252.	10	6" - 11 ^{1/4} ° BEND (BELL x PE)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
253.	10	6" - 22 ^{1/2} ° BEND (BELL x PE)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

254.	10	6" - 45 ⁰ BEND (BELL x PE)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
255.	10	6" - CAP	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
256.	10	8" - CAP	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
257.	10	12 - CAP	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
258.	10	6" - WYE (BELL x BELL x BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

259.	10	8" x 6" - WYE (BELL x BELL x BELL)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
260.	10	6" - TEE/WYE (BELL x BELL x BELL)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
261.	10	8" x 6" - TEE/WYE (BELL x BELL x BELL)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
262.	10	8" x 6" - TEE/WYE (BELL x BELL x PE)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
263.	10	6" - TEE/WYE (BELL x BELL x PE)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

264.	10	8" x 6" - TEE/WYE (BELL x BELL x PE)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
------	----	--------------------------------------	--	----------	----------

SUB-TOTAL IX. PVC FITTINGS - ITEMS #249-264 INCLUSIVE:

_____ (\$_____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

X. FLEXIBLE COUPLINGS

265.	6	4" CLAY TO CLAY SERIES 1001	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
266.	6	4" CLAY TO PLASTIC SERIES 1002	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

267.	12	4" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
268.	12	6" CLAY TO CLAY SERIES 1001	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
269.	12	6" CLAY TO PLASTIC SERIES 1002	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
270.	12	6" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
271.	12	8" CLAY TO CLAY SERIES 1001	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

272.	12	8" CLAY TO PLASTIC SERIES 1002	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
273.	12	8" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
274.	12	10" CLAY TO CLAY SERIES 1001	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
275.	12	10" CLAY TO PLASTIC SERIES 1002	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
276.	12	10" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

277.	12	12" CLAY TO CLAY SERIES 1001	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
278.	12	12" CLAY TO PLASTIC SERIES 1002	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
279.	12	12" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
280.	12	15" CLAY TO CLAY SERIES 1001	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
281.	12	15" CLAY TO PLASTIC SERIES 1002	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

282.	12	15" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
283.	12	18" CLAY TO CLAY SERIES 1001	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
284.	12	18" CLAY TO PLASTIC SERIES 1002	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
285.	12	18" PLASTIC TO PLASTIC SERIES 1056	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
286.	12	4" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

287.	12	6" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
288.	12	8" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
289.	12	10" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
290.	12	12" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
291.	12	15" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

292.	12	18" GASKETED SEWER REPAIR COUPLINGS (BELL TO BELL)	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
------	----	--	--	----------	----------

SUB-TOTAL X. FLEXIBLE COUPLINGS - ITEMS # 265 – 292 INCLUSIVE:

_____ (\$_____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

XI. PRECAST CONCRETE MANHOLE SECTIONS

293.	1	1 FT RISER SECTIONS	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.
294.	1	1.5 FT RISER SECTIONS	<div>MANUFACTURER</div> <div>MODEL #</div>	\$_____.	\$_____.

295.	1	2 FT RISER SECTIONS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
296.	1	3 FT RISER SECTIONS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
297.	1	4 FT RISER SECTIONS	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
298.	1	4 FT DOGHOUSE BASE SECTION	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
299.	1	3 FT x 48" MH BASE SECTION	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

300.	1	4 FT X 48 " MH BASE SECTION	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
301.	1	4 FT- 48" ECCENTRIC CONE WITH 24" OPENING	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
302.	1	3 FT - 48" ECCENTRIC CONE WITH 24" OPENING	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
303.	1	4 FT – 48" ECCENTRIC CONE WITH 36" OPENING	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
304.	1	48 IN FLAT SLAB TOP WITH 24" OPENING	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

305.	1	48 IN FLAT SLAB TOP WITH 36" OPENING	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
306.	10	KOR-N-SEAL BOOT 8 INCH DIA.	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
307.	10	KOR-N-SEAL BOOT 12 INCH DIA.	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
308.	20	CONSEAL PER 48 DIA (ROLL)	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.
309.	100	48 " DIA MH BIT COATING PER VERTICAL FT	<div>_____</div> MANUFACTURER <div>_____</div> MODEL #	\$_____.	\$_____.

SUB-TOTAL XI. PRECAST CONCRETE MANHOLE SECTIONS - ITEMS # 293 - 309 INCLUSIVE:

_____ (\$ _____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

XII. MANHOLE FRAMES, COVERS & APPURTENANCES

310.	1	HEAVY DUTY MANHOLE FRAME & COVER TYPE "AV"	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
311.	1	HEAVY DUTY MANHOLE FRAME & COVER TYPE "AS"	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.
312.	1	HEAVY DUTY MANHOLE - COVER ONLY TYPE "AV"	_____ MANUFACTURER _____ MODEL #	\$ _____.	\$ _____.

313.	1	HEAVY DUTY MANHOLE - COVER ONLY TYPE "AS"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
314.	1	HEAVY DUTY WATER TIGHT MANHOLE FRAME AND COVER – TYPE "B"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
315.	1	HEAVY DUTY WATER TIGHT MANHOLE COVER ONLY TYPE "B"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
316.	1	4" HIGH HEAVY DUTY MANHOLE FRAME AND COVER- TYPE "C"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
317.	1	HEAVY DUTY MANHOLE COVER TYPE "C"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

318.	1	6" HIGH HEAVY DUTY MANHOLE FRAME AND COVER TYPE "C"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
319.	1	8" HIGH HEAVY DUTY MANHOLE FRAME AND COVER TYPE "C"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
320.	1	ADJUST TO GRADE MANHOLE RISER STEEL 24" x 1 ^{1/4} " x 1"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
321.	1	ADJUST TO GRADE MANHOLE RISER CASTING 24" x 1 ^{1/4} " x 1 ^{1/2} "	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.
322.	1	ADJUST TO GRADE MANHOLE RISER CASTING 24" x 1 ^{1/4} " x 2"	_____ MANUFACTURER _____ MODEL #	\$_____.	\$_____.

SUB-TOTAL XII. MANHOLE FRAMES, COVERS & APPURTENANCES - ITEMS # 310 - 322 INCLUSIVE:

_____ (\$ _____)

Written figures

PLEASE PROVIDE THE PERCENTAGE DISCOUNT OFF LIST PRICE FOR SIMILAR ITEMS OR COMPONENTS OF ITEMS LISTED IN THIS SECTION:

_____ (_____ %)

Written figures

Quoted bid prices are inclusive of all delivery and transportation costs with the units delivered FOB, City of Middletown. The bidder shall, at his own expense, in strict conformity to the Contract Documents, furnish the valves, fittings and other appurtenances as specified to the City and the City will pay the bidder, who hereby agrees to receive and accept as and for his full compensation for fully completing the work required in full payment all sums due in accordance with the Contract Documents, the sum of:

TOTAL OF BID ITEMS # 1 – 322 INCLUSIVE SHALL BE:

_____ (\$ _____)

Written figures - **BASED UPON THE ESTIMATE OF UNITS REQUIRED.**

Please state Manufacturer's Warranty: _____
(Attach a copy- for applicable items)

Please state Delivery in Calendar Days: _____

PLEASE NOTE: All of the information below is REQUIRED. Please do not leave any information blank.

Date: _____

Corporation Name (if applicable)

Company Name

Mailing Address:

Payment Address (If different from mailing addr.):

Address

Address

City, State and Zip

City, State and Zip

FEIN NUMBER: _____ -- _____

Type of Organization: _____ **Individual / Sole Proprietor**
(Please Check One)

_____ **Limited Liability Company**

_____ **Corporation**

Contact Information

Contact Name: _____ **Title:** _____

Additional Contact: _____ **Title:** _____

Phone Number: _____ **Fax:** _____

Email Address: _____

Website: _____

SIGN HERE: I hereby certify that the above information is correct.

Print or Type Name & Title

Signature

Date

WITH EACH PROPOSAL, THE BIDDER SHALL SUBMIT A SIGNED NON-COLLUSIVE STATEMENT ON THE FORM ENCLOSED HEREIN

CITY OF MIDDLETOWN CONNECTICUT

NON-COLLUSIVE BID STATEMENT

All bidders are required to sign a Non-Collusive Statement with all public bids as follows:

- I. The bid has been arrived at by the bidder, independently and has been submitted without collusion with, and without any agreement, understanding, or planned common course of action with any other bidder of materials, supplies, equipment, or services described in the Invitation to Bid, designed to limit independent bidding or competition; and
2. The contents of the bid have not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid, and will not be communicated to any person prior to the official opening of the bid.

Date_____

Signed

Company

Address

Telephone Number

APPENDIX B - INSURANCE REQUIREMENTS

Bid #2016-021

Purchase of Piping, Hydrants, Manholes, Valves, Fittings and Other Appurtenances Water & Sewer Department

A. GENERAL REQUIREMENTS:

The **BIDDER** shall be responsible for maintaining insurance coverage in force for the life of this contract of the kinds and adequate amounts to secure all of the **BIDDER'S** obligations under this contract with an insurance company(ies) with an AM Best Rating of A- VIII or better licensed to write such insurance in the State of Connecticut.

The insurer shall provide the City of Middletown with original completed **Certificates of Insurance signed by an authorized representative of the insurance company(ies)** prior to purchase order/contract issuance. The **BIDDER** also agrees to provide replacement and/or renewal certificates at least thirty (30) days prior to the expiration of each policy.

Such insurance or renewals or replacements thereof shall remain in force during the **BIDDER'S** responsibility under this contract.

The **BIDDER**, at their own cost and expense, shall procure and maintain all insurances required and shall name the City of Middletown as an Additional Insured on all contracts, except Workers' Compensation and Professional Errors & Omissions coverages. Coverage is to be provided on a primary, noncontributory basis. All insurance required shall evidence a waiver of subrogation in favor of the City of Middletown. Upon request, the **BIDDER** shall provide a copy of the policy endorsement confirming the additional insured status of all parties required to be named in accordance with the terms of this contract.

Upon request, the **BIDDER** shall provide a copy of the policy endorsement confirming the additional insured status of all parties required to be named in accordance with the terms of this contract.

In order to facilitate this requirement for insurance, it is recommended that the BIDDER forward a copy of these requirements to their insurance representative(s).

B. SPECIFIC REQUIREMENTS:

(1) Workers' Compensation Insurance -

The **BIDDER** shall provide Statutory Workers' Compensation Insurance, including Employer's Liability with limits of:

\$500,000 Each Accident
\$500,000 Disease, Policy Limit
\$500,000 Disease, Each Employee

(2) **Commercial General Liability Insurance -**

The **BIDDER** shall carry Commercial General Liability insurance (Insurance Services Offices Incorporated Form CG-0001 or equivalent). A per occurrence limit of \$1,000,000 is required. The Aggregate Limit will be not less than \$2,000,000. Any deviations from the standard unendorsed form will be noted on the Certificate of Insurance.

(3) **Business Automobile Liability Insurance -**

The **BIDDER** shall carry Business Automobile Liability insurance (Insurance Services Office Incorporated Form CA-00001 or equivalent). A combined single limit each accident of \$1,000,000 is required. "Any Auto" (symbol 1 or equivalent) is required. Any deviations from the standard unendorsed form will be noted on the Certificate of Insurance.

C. SUBCONTRACTOR REQUIREMENTS:

The **BIDDER** shall require the same insurance that it is required to carry by the City of Middletown to be carried by any subcontractors and independent contractors hired by the **BIDDER** and to obtain **Certificates of Insurance** before subcontractors and independent contractors are permitted to begin work.

The **BIDDER** shall require that the City of Middletown be named as Additional Insureds on all subcontractors and independent contractors insurance before permitted to begin work. Coverage is to be provided on a primary, noncontributory basis.

The **BIDDER** and all subcontractors and independent contractors and their insurers shall waive all rights of subrogation against the City of Middletown and its officers, agents, servants and employees for losses arising from work performed by each on this contract.

D. OTHER

- If any policy is written on a "claims-made" basis, the policy must be continually renewed for a minimum of two (2) years from the completion date of the work/service performed under this contract. If the policy is replaced and/or the retroactive date is changed, then the expiring policy must be endorsed to extend the reporting period for claims for the policy in effect during the contract for two (2) years from the completion date.
- The City reserves the right to amend amounts of coverage required and types of coverage provided based on work or service to be performed.

**INSURANCE LANGUAGE
APPROVED AS TO FORM:**

NANCY CONAWAY-RACZKA
RISK MANAGER
June 12, 2016
DATE

Bid Return Label

Always use Mailing Label below on all packages when submitting bids to the City of Middletown Purchasing Office for clear identification of your bid response.

Official Bid Documents Enclosed:

Bid # 2016-021 Purchase of Piping, Hydrants, Manholes, Valves, Fittings and Other Appurtenances

Bid Opening Date: Wednesday, September 21, 2016 at 11:00 am

**City of Middletown Purchasing Department
Municipal Building Room 112
245 DeKoven Drive
Middletown, CT 06457**

